

Serial No. [Selected case Ser.No. is empty]

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

Inventor(s): **William Alfred Reed  
Mark J Schnitzer**

Case: **29-10**

Serial No.: **Unknown**

Filing Date: **August 5, 2003**

Examiner: **Unknown** Group Art Unit: **Unknown**

Title: **Fiber Devices Using Grin Fiber Lenses**

**COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450**

**SIR:**

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97(b)**

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement, with attached reference(s), is submitted for consideration in the above-identified application.

German patent publication No. 512393, i.e., reference AF3, is being disclosed, because the reference was cited in a foreign search report for a related patent application.

**NO FEE IS REQUIRED**

In the event of any non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Lucent Technologies Deposit Account No. 12-2325** as required to correct the error.

Respectfully,

*John McCabe*

**John F. McCabe, Attorney**  
Reg. No. 42854  
908-582-6866

Date: Aug. 4, 2003

**Docket Administrator (Room 3J-219)**  
Lucent Technologies Inc.  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030

<b>INFORMATION DISCLOSURE STATEMENT</b>	Case Name:	W.A. Reed 29-10
	Serial No.	
	Applicant:	W.A. Reed, et al.
	Filing Date:	August 5, 2003
	Group:	

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA 3	6,172,817	Jan. 9, 2001	Senapati et al.	359	654	Apr. 13, 2000
AB 3	6,131,413	Oct. 17, 2000	Rousseau et al.	65	377	Mar. 22, 1999

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation
AC 3	WO 01/11409 A2	Feb. 15, 2001	PCT	G02B	23/24	Yes
AD 3	EP1035083 A1	Sept. 13, 2000	EPC	C03B	37/018	Yes
AE 3	EP0972752 A1	Jan. 19, 2000	EPC	C03B	37/018	Yes
AF 3	512393	June 18, 1994	Germany	G02B	6/28	No

**OTHER (including Author, Title, Date, Pertinent Pages, etc.)**

AG 3	Patent Abstracts of Japan Publication Number 60166244, "Manufacture of Optical Fiber Preform" by Okamura Koji (Published on August 29, 1985, by Japanese Patent Office) 1 pg.
AH 3	Shiraishi, K. et al: "Spotsize Contraction in Standard Single-Mode Fibers by Use of a GI-Fiber Tip with a High Focusing Parameter" IEEE PHOTONICS TECHNOLOGY LETTERS, Vol. 10, No. 12, December 1998, pp. 1757-1759.

\*\*\*References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

\*\*\*Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>

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	AA2	6,366,716	4/2/2002	Graves	G02B	6/26	6/15/2000
	AB2	6,373,048	4/16/2002	Tschanun	G01C	18/72	1/18/1999
	AC2	6,507,438	1/14/2003	Bhagavatula	G02B	27/00	9/25/2001
	AD2	5,621,832	4/15/1997	Yokayama et al.	G02B	6/26	12/14/1994
	AE2	6,280,100	8/28/2001	Haake	G02B	6/36	12/30/1998
	AF2	6,445,939	9/3/2002	Swanson et al.	A61B	5/00	8/9/1999
	AG2	6,411,753	6/25/2002	Ao	G02B	6/26	8/28/2000
	AH2	6,485,413	11/26/2002	Boppart et al.	A61B	1/06	3/6/1998
	AI2	6,449,406	9/10/2002	Fan et al.	G02B	6/35	1/13/2000
	AJ2	5,384,874	1/24/1995	Hirai et al.	G02B	6/26	6/23/1993
	AA2	6,134,003	Oct. 17, 2003	Guillermo Tearney et al	356	345	Feb. 27, 1996
	AB2	5,321,501	June 14, 1994	Eric A. Swanson	356	345	April 29, 1992
	AC2	5,956,355	Sept. 21, 1999	Eric A. Swanson	372	20	June 17, 1997
	AD2	5,910,839	June 8, 1999	David J. Erskine	356	345	March 14, 1997

**FOREIGN PATENT DOCUMENTS**

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	AA1	4,217,027	8/12/80	MacChesney et al.	350	96.3	8/29/77
	AB1	4,262,035	4/14/81	Jaeger et al.	427	39	3/7/80
	AC1	4,701,011	10/20/87	Emkey et al.	350	96.18	1/15/85
	AD1	4,900,120	2/13/90	Caviglia et al.	350	96.18	11/3/88
	AE1	4,909,816	3/20/90	MacChesney et al.	65	3.12	7/26/83
	AF1	5,076,672	12/31/91	Tsuda et al.	359	244	9/18/89
	AG1	5,337,380	8/9/94	Darbo et al.	385	28	9/15/92
	AH1	5,384,874	1/24/95	Hirai et al.	385	34	6/23/93
	AI1	5,680,237	10/21/97	Cheng	359	131	11/16/95
	AJ1	5,905,838	5/18/99	Judy et al.	385	123	2/18/98
	AK1	6,014,483	1/11/00	Thual et al.	385	33	8/13/97
	AL1	6,105,396	8/22/00	Glodis et al.	65	377	7/14/98
	AM1	6,219,477	4/17/01	Peck, Jr.	385	34	6/29/99
	AN1	09/919,017		Reed et al			07/31/01
	AO1	09/922,659		Fee et al			08/06/01
	AP1	6,542,665	4/1/03	Reed et al	385	34	6/29/01
	AQ1	5,050,954	09/24/91	Gardner et al	385	16	01/12/90

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**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR1	Emkey, W.L. et al., IEEE, "Analysis and Evaluation of Graded-Index Fiber-Lenses", Vol. 5, No. 9, pages 1156-1164, September 1987.
	AS1	Chandou, P. et al., "Expanded Signal Mode Fiber", WDD4, 2000.
	AT1	A Product Announcement of ENSI Bretagne, Chandou, P. et al., "Expanded Signal Mode Fiber", 1-page, March 2001.

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